



PROCOR CHEMICALS, INC.

Safety Data Sheet PRO Spot™

SECTION 1 – IDENTIFICATION

Product Trade NamePRO Spot™
 SynonymsNone
 Chemical FamilyBlend
 ApplicationLubricant spotting fluid
 Generic DescriptionSpotting Fluid (Lubricants & emulsifiers)
 Manufacturer/SupplierProcor Chemicals
 AddressP.O. Box 81356, Lafayette, LA 70598
 Phone Number866-960-1326
 Emergency Number1-800-424-9300 (Chemtrec)
 Revised Date11-10-23

SECTION 2 – HAZARDS IDENTIFICATION

Classification

CATEGORY 1: ASPIRATION HAZARD
 CATEGORY 1A: SKIN SENSITIZATION
 CATEGORY 2A: SERIOUS EYE DAMAGE/EYE IRRITATION
 CATEGORY 4 ACUTE TOXICITY (INHALATION)

Health	1	
Flammability	0	
Reactivity	0	Ratings based on NPFA
PPE	H	

Signal word (GHS-US): DANGER

Hazard statements (GHS-US):

H304: May be fatal if swallowed and enters airways.
 H332 – Harmful if inhaled.
 H317 – May cause an allergic skin reaction.
 H319 – Causes serious eye irritation.

Precautionary statements (GHS-US):

P280 - Wear protective gloves/protective clothing/eye protection/face protection
 P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P310 - Immediately call a POISON CENTER or doctor/physician
 P331 - Do NOT induce vomiting
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
 P264 - Wash face, hands and any exposed skin thoroughly after handling
 P272 - Contaminated work clothing should not be allowed out of the workplace
 P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
 P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention
 P337 + P313 - If eye irritation persists: Get medical advice/attention
 P363 - Wash contaminated clothing before reuse
 P501 - Dispose of contents/ container to an approved waste disposal plant



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SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE	CAS Number	PERCENT	ACGIH TLV-TWA	OSHA PEL-TWA
Trimethylpentanediol monoisobutyrate	25265-77-54	15 – 40%		None established

SECTION 4 – FIRST AID MEASURES

Inhalation	If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
Skin	Wash with soap and water. Get medical attention if irritation persists. Remove contaminated shoes and discard.
Eyes	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
Ingestion	Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.
Notes to Physician	Not Applicable

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point/Range (F):	> 247
Flash Point/Range (C):	119
Flash Point Method:	PMCC
Autoignition Temperature (F):	Not Determined
Autoignition Temperature (C):	Not Determined
Flammability Limits in Air - Lower (%):	Not Determined
Flammability Limits in Air - Upper (%):	Not Determined
Fire Extinguishing Media	Water fog, carbon dioxide, foam, dry chemical.
Special Exposure Hazards	Decomposition in fire may produce toxic gases. Use water spray to cool fire exposed surfaces.
Special Protective Equipment for Fire-Fighters:	Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.
NFPA Ratings:	Health 1, Flammability 1, Reactivity 0
HMS Ratings:	Flammability 1, Reactivity 0, Health 1

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures:	Use appropriate protective equipment.
Environmental Precautionary Measures:	Prevent from entering sewers, waterways, or low areas.
Procedure for Cleaning / Absorption:	Isolate spill and stop leak where safe. Contain spill with sand or other inert materials. Scoop up and remove.

SECTION 7 – HANDLING AND STORAGE

Handling Precautions:	Avoid contact with eyes, skin, or clothing. Avoid breathing vapors. Wash hands after use. Launder contaminated clothing before reuse.
Storage Information:	Store away from oxidizers. Keep container closed when not in use.

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SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering Controls:



A well ventilated area to control dust levels. Local exhaust ventilation should be used in areas without good cross ventilation.

Respiratory Protection:



Organic vapor respirator with a dust/mist filter.

In high concentrations, supplied air respirator or a self-contained breathing apparatus.

Hand Protection:



Impervious rubber gloves.

Skin Protection:

Rubber apron.

Eye Protection:

Chemical goggles; also wear a face shield if splashing hazard exists.

Other Precautions:

Eyewash fountains and safety showers must be easily accessible.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	black
Odor:	Mild hydrocarbon
pH:	Not Determined
Specific Gravity @ 20 C (Water=1):	1.02
Density @ 20 C (lbs./gallon):	8.49
Bulk Density @ 20 C (lbs/ft3):	Not applicable
Boiling Point/Range (F):	247
Boiling Point/Range (C):	119
Freezing Point/Range (F):	Not Determined
Freezing Point/Range (C):	Not Determined
Vapor Pressure @ 20 C (mmHg):	Not Determined
Vapor Density (Air=1):	Not Determined
Percent Volatiles:	Not Determined
Evaporation Rate (Butyl Acetate=1):	< 0.1
Solubility in Water (g/100ml):	Partially soluble
Solubility in Solvents (g/100ml):	Not Determined
VOCs (lbs./gallon):	Not Determined
Viscosity, Dynamic @ 20 C (centipoise):	Not Determined
Viscosity, Kinematic @ 20 C (centistokes):	Not Determined
Partition Coefficient/n-Octanol/Water:	Not Determined
Molecular Weight (g/mole):	Not Determined

SECTION 10 – STABILITY AND REACTIVITY

Stability Data:	Stable
Hazardous Polymerization:	Will Not Occur
Conditions to Avoid	Keep away from heat, sparks and flame.
Incompatibility (Materials to Avoid):	Strong oxidizers.
Hazardous Decomposition Products:	Oxides of nitrogen carbon.
Additional Guidelines:	Not Applicable

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SECTION 11- TOXICOLOGICAL INFORMATION

Principle Route of Exposure: Eye or skin contact, inhalation.
Inhalation: Breathing small amounts should not be a problem but avoid vapor inhalation as much as possible. May cause respiratory irritation.
Skin Contact: May cause skin irritation.
Eye Contact: May cause severe eye irritation.
Ingestion: Aspiration into the lungs may cause chemical pneumonitis including coughing, difficulty breathing, wheezing, and coughing.
Aggravated Medical Conditions: No data established...
Chronic Effects/Carcinogenicity: No data available to indicate product or components present at greater than 1% are chronic health hazards to humans. Exposure of co-active component Trimethylpentanediolmonoisobutyrate has been shown to cause kidney damage in male rats, through a mechanism specific to that animal, and the effects are not expected to occur in humans.
Other Information None known.
Toxicity Tests
Oral Toxicity: Not determined
Dermal Toxicity: Not determined
Inhalation Toxicity: Not determined
Primary Irritation Effect: Not determined
Carcinogenicity: Not determined
Genotoxicity: Not determined
Reproductive / Developmental Toxicity: Not determined

SECTION 12 - ECOLOGICAL INFORMATION

LAB #	SAMPLE DESCRIPTION	96-HOUR AMERICAMYSIS BAHIA DEFINITIVE LC50 TEST RESULT
M-1174-20	PRO Spot @ 10% in Olefin Based Synthetic Drilling Fluid	>1,000,000 ppm PASS
M-1176-20	PRO Spot @ 20% in Olefin Based Synthetic Drilling Fluid	>1,000,000 ppm PASS
M-1179-20	Olefin Based Synthetic Drilling Fluid	>1,000,000 ppm PASS

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SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method	Disposal should be made in accordance with federal, state, and local regulations.
Contaminated Packaging	Follow all applicable national or local regulations
Toxicological info, Other information	Toxicity Test, LC 50 = 49,000ppm

SECTION 14 - TRANSPORT INFORMATION

Land Transportation	
DOT:	Not restricted
Canadian TDG:	Not restricted
ADR:	Not restricted
Air Transportation	
ICAO/IATA:	Not restricted
Sea Transportation	
IMDG:	Not restricted
Other Shipping Information: Labels:	None

SECTION 15 - REGULATORY INFORMATION

US Regulations	
US TSCA Inventory	All components listed on inventory.
EPA SARA Title III	
Extremely Hazardous Substances:	Not applicable
EPA SARA (311,312) Hazard Class:	Not applicable
EPA SARA (313) Chemicals	This product does not contain a toxic chemical for routine annual "Toxic Chemical Release Reporting" under Section 313 (40 CFR 372).
EPA CERCLA/Superfund Reportable Spill Quantity For This Product:	Not applicable.
EPA RCRA Hazardous Waste Classification:	If product becomes a waste, it does not meet the criteria of a hazardous waste as defined by the US EPA.
California Proposition 65	All components listed do not apply to the California Proposition 65 Regulation.
MA Right-to-Know Law	Does not apply.
NJ Right-to-Know Law	Does not apply.
PA Right-to-Know Law	Does not apply.
Canadian Regulations	
Canadian DSL Inventory	All components listed on inventory.

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SECTION 16 - OTHER INFORMATION

Additional Information

For additional information on the use of this product, contact PROCOR Chemicals at 866-960-1326.

Abbreviations

N/A: Denotes no applicable information found or available
CAS#: Chemical Abstracts Service Number
ACGIH: American Conference of Governmental Industrial Hygienists
OSHA: Occupational Safety and Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
STEL: Short Term Exposure Limit
NTP: National Toxicology Program
IARC: International Agency for Research on Cancer

MSDS Date: 02/01/20

Disclaimer: All information and recommendations concerning product is based on tests and data believed to be reliable; however it is the user's responsibility to determine the safety, toxicity and suitability for the user's own use of the product described herein. Since the actual use by others is beyond our control, no guarantee expressed or implied is made by Grinding & Sizing Company. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular conditions exist or because of applicable laws or government regulations.

END OF MSDS
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